REMARKS

Favorable reconsideration of this application is respectfully requested.

Claims 1, 2, 6-11, 14, and 17-19 are pending in this application. Claims 1, 2, 8, 9, 11,

14, 18, and 19 were rejected under 35 U.S.C. § 103(a) as unpatentable over U.S. patent

application publication 2004/0047612 to <u>Nagata et al.</u> (herein "<u>Nagata</u>") in view of U.S.

patent 5,684,768 to <u>Terasaki et al.</u> (herein "<u>Terasaki</u>") in further view of JP 09-139915 to

<u>Taniguchi et al.</u> (herein "<u>Taniguchi</u>"). Claims 6, 7, and 10 were rejected under 35 U.S.C.

§ 103(a) as unpatentable over <u>Nagata</u> in view of <u>Terasaki</u> in further view of <u>Taniguchi</u> in

further view of U.S. patent 6,856,759 to <u>Fukuda et al.</u> (herein "<u>Fukuda</u>"). Claim 17 was

rejected under 35 U.S.C. § 103(a) as unpatentable <u>Nagata</u> in view of <u>Terasaki</u> in view of

<u>Taniguchi</u> in further view of Official Notice. Those rejections are traversed as now

discussed.

Each of independent claims 1, 11, 14, 18, and 19 are amended to clarify certain

features therein. Independent claim 1 now particularly further recites:

> a first analyzer configured to extract, from said
> transport packets, a transport packet including <u>entry point</u> data
> that <u>indicate a packet in which I picture data</u> provide a
> reproduction start position;
>
> an entry point map generator configured to generate an
> entry point map for identifying said transport packet including
> said <u>entry point</u> data by <u>describing a packet number</u>
> <u>information identifying the position of the entry point for a</u>
> <u>random access operation of the transport stream</u>[.]

The other independent claims are amended to recite certain similar features. The features

clarified in the claims are believed to be clear from the original disclosure, as now discussed.

First, applicants draw attention to the specification at page 15, lines 1-10 that

indicates an entry point data includes information for identifying a packet in which I picture

data provides a reproduction start position. Applicants also draw attention to the

specification at page 18, lines 14-23 that indicates the entry point map is created by using the

entry point data and that such data is used for random access reproduction of a transport

stream recorded in a data recording medium. Applicants further draw attention to the

specification at page 31, lines 11-16 that indicates the entry point map of the stream database

describes a packet number as the information for identifying the position of the entry point,

which provides the benefit of reducing a number of required bits as compared with a

representation of an entry point position by an address of byte-precision. The features

clarified in the independent claims are believed to distinguish over the applied art.

With respect to features of the first analyzer and entry point map generator previously

recited in the claims the outstanding rejection states:

> Neither, Nagata et al. nor Terasaki et al., does not teach
> a first analyzer configured to extract, from said transport
> packets, a transport packet including data that may provide a
> reproduction start position and an entry point map generator
> configured to generate an entry point map for identifying said
> transport packet including said data.

> However, Taniguchi et al. teaches a first analyzer
> configured to extract, from said transport packets, a transport
> packet including data that may provide a reproduction start
> position and an entry point map generator configured to
> generate an entry point map for identifying said transport
> packet including said data (abstract; para. 0013).

> Therefore, it would have been obvious to one with
> ordinary skill in the art, at the time the invention was made to
> use, to include a first analyzer configured to extract, from said
> transport packets, a transport packet including data that may
> provide a reproduction start position and an entry point map
> generator configured to generate an entry point map for
> identifying said transport packet including said data, in order to
> efficiently search the data.[1]

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[1] Office Action of December 9, 2009, pages 3-4.

In reply to the above-noted new grounds for the outstanding rejection newly citing

Taniguchi, applicants submit Taniguchi does not disclose or suggest features corresponding

to the claims as currently written. More particularly, for example at cited paragraph [0013]

Taniguchi discloses determining a decoding start position in a stream and a reproduction step

position from a frame number and a created table. Taniguchi further discloses a search

reproduction means from a specification frame that performs a moving image reproduction

from a specification frame, and further index image decoding.

Applicants submit the cited disclosures in Taniguchi differ from the claims as

currently written as Taniguchi does not disclose or suggest entry point data indicate a packet

in which I picture data provide a reproduction start position. Taniguchi does not address

utilizing I picture data in such a way. Applicants further submit Taniguchi does not disclose

or suggest the data of the entry point map describes "a packet number information identifying

the position of the entry point". Applicants submit Taniguchi does not address utilizing a

packet number in such a way.

Each of independent claims 1, 11, 14, 18, and 19 recite the above-noted features that

are believed to be neither taught nor suggested by Taniguchi. Thereby, each of the claims as

written are believed to overcome the outstanding rejections.

Applicants also note one further basis for the rejection with respect to dependent

claim 17 took Official Notice "that it is well known in the art to extract transport packet

including I picture data and generate the entry point map using positional and time

information of the transport packet".[2]

Applicants traverse that grounds for rejection on the record and require that prior art

be cited for that proposition for which Official Notice was taken. Applicants also submit

there is no evidence of record that utilizing I picture data as claimed was well know to those

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[2] Office Action of December 9, 2009, page 7, last full paragraph.

of ordinary skill in the art. In that respect applicants also note the claims do not broadly recite merely extracting transport packet including I picture data. Instead, the claims recite "entry point data indicate a packet in which I picture data provide a reproduction start position". A broad disclosure of a transport packet including I picture data would not correspond to such claimed features.
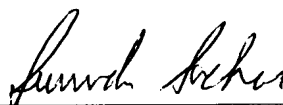
In view of the foregoing comments, applicants submit Taniguchi cannot cure the recognized deficiencies of Nagata and Terasaki with respect to the claims as currently written. Thereby, applicants submit each of amended independent claims 1, 11, 14, 18, and 19 positively recite features neither taught nor suggested by the applied art.

Moreover, no disclosures in Fukuda were cited with respect to the above-noted features, and no disclosures in Fukuda are believed to cure the above-noted deficiencies of Nagata in view of Terasaki and Taniguchi.

As no other issues are pending in this application, it is respectfully submitted that the present application is now in condition for allowance, and it is hereby respectfully requested that this case be passed to issue.

Respectfully submitted,

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10